INTERNATIONAL SEARCH REPORT

International application No.

			PCT/JP2005/001661	
A. CLASSIF	ICATION OF SUBJECT MATTER L ⁷ B60H1/32			
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Int.Cl	mentation searched (classification system followed by B60H1/32, F25B1/00			
Documentation searched other than minimum documentation to the extent that such documents are included in the Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho				e fields searched 1996-2005 1994-2005
	base consulted during the international search (name of	data base and, where practi	cable, search te	erms used)
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
Y	JP 2003-211953 A (Sanden Corp.), 30 July, 2003 (30.07.03), Claim 6; Par. Nos. [0014], [0025] to [0027], [0033], [0034]; Figs. 4, 6, 9, 10 & US 2003/136138 A1 & EP 1331115 A2			1-3,6,7
Y	JP 05-270255 A (Sanden Corp.), 19 October, 1993 (19.10.93), Par. Nos. [0004] to [0008], [0016], [0017], [0031], [0039]; Figs. 1 to 5 & US 5315841 A1 & EP 551008 A1 & DE 69208855 C			1-3,6,7
Further documents are listed in the continuation of Box C. See patent far			mnex.	
Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family		
Date of the actual completion of the international search 18 March, 2005 (18.03.05)		Date of mailing of the international search report 05 April, 2005 (05.04.05)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		